

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW20 CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT BEVEE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 088.61 INBOUND. CHART FAS OBST: 858 TREE 361400N/0865139W CHART: 938 TREE 361429N/0865125W DISTANCE TO THLD FROM 355 HAT: 0.99 NM. CHART VDP AT 1.81 MILES TO RW20* *LNAV ONLY. WAAS CHANNEL # 86625 REFERENCE PATH ID: W20A CHART CIRCLING ICON. CHART 5000 AT BNA VORTAC. LTP HAE: 123.3 M					
BNA VORTAC		BICOL (FO)		336.57 / 15.42				4000							
SPARE (IAF)		BICOL (NOPT) (FB)		169.30 / 15.42				2700							
TANDS (IAF)		BICOL (NOPT) (FB)		234.48 / 16.28				2700							
BICOL (IF/IAF)		TWITY (FB)		197.80 / 4.78				2500							
TWITY (FAF)		JOGIS/3.20 NM TO RW20 (FB)		197.78 / 2.95											
JOGIS/3.20 NM TO RW20		RW20 (MAP) (FO)		197.78 / 3.20											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N BICOL, RT, 197.80 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: <u>197.78</u> FAF: <u>TWITY</u> DIST FAF TO MAP: <u>6.15</u> THLD: <u>6.15</u> 4. MIN. ALT: <u>BICOL 2700, TWITY 2500, JOGIS/3.20 NM TO RW20 1560*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>TWITY 2500</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>39.8</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW20 3100</u>										MAG VAR: <u>3W</u> EPOCH YEAR: <u>2010</u>					
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A X							
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	856	1 1/4	355	856	1 1/4	355	856	1 1/4	355	856	1 1/4	355			
LNAV/VNAV DA	1003	1 3/4	502	1003	1 3/4	502	1003	1 3/4	502	1003	1 3/4	502			
LNAV MDA	1120	1	619	1120	1	619	1120	1 3/4	619	1120	1 3/4	619			
CIRCLING	1200	1	699	1200	1	699	1340	2 1/2	839	1340	2 3/4	839			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPARE ON V94 NORTHEAST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TANDS ON V49 NORTHBOUND. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 501 TDZE: 501		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:		QUALITY 4 CHECKED			
NASHVILLE, TN		AIRPORT NAME:		JOHN C TUNE		RNAV (GPS) RWY 20, AMDT 2				AMDT: 1A					
						15 OCTOBER 2015				DATED 08/21/2014					

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW20 (MAP)	1200 MSL	197.78	1200
1200 MSL	BEVEE (FO)		3000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE INTL ALTIMETER SETTING AND INCREASE ALL DA 40 FT AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 40 FT AND LNAV CATS C AND D VISIBILITY 1/8 MILE.

CHART NOTE: CIRCLING NA E OF RWY 2-20.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING NASHVILLE INTL ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CITY AND STATE

NASHVILLE, TN

ELEVATION: 501

TDZE: 501

AIRPORT NAME:

JOHN C TUNE

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 20, AMDT 2

15 OCTOBER 2015

SUP:

AMDT:

DATED:

 QUALITY
4
CHECKED

1A

08/21/2014

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJWN
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	361127.5645N
LTP/FTP LONGITUDE	0865302.0595W
LTP/FTP ELLIPSOIDAL HEIGHT	+01233
FPAP LATITUDE	361001.2820N
FPAP LONGITUDE	0865330.0950W
THRESHOLD CROSSING HEIGHT (TCH)	00039.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

<u>CRC REMAINDER</u>	04EAE1C
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01527
FPAP ORTHOMETRIC HEIGHT	+01527

CITY AND STATE
NASHVILLE, TN

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33												Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
ARINC SUMMARY - KJWN																
ROUTES																
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE		
BNA	010	BNA	IF	FB								AT 05000		V		
BNA	020	BICOL	TF	FO	2.0	336.6						AA 04000		EY		
BNA	030	BICOL	HF	FO		197.8			R			AA 02700		EE A		
SPARE	010	SPARE	IF	FB										E A		
SPARE	020	BICOL	TF	FB	1.0	169.3						AA 02700		EE B		
TANDS	010	TANDS	IF	FB										E A		
TANDS	020	BICOL	TF	FB	1.0	234.5						AA 02700		EE B		
	010	BICOL	IF	FB								AA 02700		E I		
	020	TWITY	TF	FB	0.5	197.8				RW20		AA 02500		E F		
	021	JOGIS	TF	FB	0.3	197.8		3.00				AA 01560 GS 01560		E S		
	030	RW20	TF	FO	0.3	197.8		3.00				AT 00541		GY M		
	040		CA	FB		197.8						AA 01200		M		
	050	BEVEE	DF	FO					R			AA 03000		EY		
	060	BEVEE	HM	FO		088.6			R			AA 03000		EE		
POINTS																
POINT NAME					LATITUDE					LONGITUDE						
BNA					N360813.06					W0864105.18						
BEVEE					N360713.91					W0870839.61						
BICOL					N362202.55					W0864935.14						
JOGIS					N361433.48					W0865201.59						
SPARE					N363702.94					W0865406.52						
TANDS					N363212.96					W0863348.65						
TWITY					N361725.00					W0865105.73						
RUNWAYS																
RUNWAY					THRESHOLD LATITUDE					THRESHOLD LONGITUDE					THRESHOLD ELEVATION	PROCEDURE TCH
RW20					N361127.56					W0865302.06					00501	40

CITY AND STATE
NASHVILLE, TN

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